



**User Department's Recommendation:** ITB#19-101121- Trailer Landfill Tipper

**Recommended Bidder:** Columbia Industries meets our approval.

**Amount Spent on Previous Contract:** \_\_\_\_\_

**Funding: Vehicle Replacement Fund**

General  Enterprise

**3 Digit Fund Code** #621

**CIP Line Item No. (if applicable):** \_\_\_\_\_

**Disbarment and Suspension checks completed-**Yes

**Project Amount This Term:** \$1,079,638.00

**Justification:**

It is recommended that Columbia Industries is the most responsive, and responsible bidder.

Phelps Industries is not acceptable and unit bid took multiple exceptions to the minimum bid specifications that include:

1. (DD). Contractor's Status;

The Contractor will supervise and direct the work, including the work of all subcontractors. Only skilled in the type of work which they are to perform shall be employed.

a. The bidder presented a bid with an exception stating "The quoted equipment pricing does not include the on-site assembly of the tipper that needs to take place after delivery." The bidder states that, "it will take one day with a small crew of workers and lifting equipment to pin and bolt the various components to the main frame." The bid states, "They will provide one technician at no charge to assist during this process." Our Sanitation crew nor our Fleet crew, have any experience in assembly of this type of equipment nor do they have the time to dedicate to this job. This assembly process should fall completely on the bidder.

2. (D). Capacity; Shall be 65 tons.

a. The bidder quoted **65 ton capable tipper structural frame, with only 50 ton lifting cylinders.** That makes this a **50 ton tipper.** We stated, "shall be 65 ton Capacity."

(G). The spare lifting cylinders the bidder were to supply us, was supposed to be 65 ton capacity also. The bidder stated 50 ton spare lifting cylinders.

3. (O), (P).Rear, & Center Outriggers



Shall have leveling bubble provided.

- a. Bidder stated, "No bubble provided." The bubble level is how you level the tipper. The bubble level purpose, is to assure the tipper is level. It is a safety devise. The tipper lifts a loaded garbage trailer up into the air to dump the garbage out of the back of the trailer. If the tipper is unlevelled, the trailer could fall over and possibly injure or kill someone. Cross winds could cause this as well, if it isn't level. It is very important, that the tipper, stays level at all times.

4. II. Components;

- a. 1. Unit shall have a power unit that consist of a Cat C4.4 Tier IV electronic diesel engine. The bidder quoted a John Deere 4045 power unit, not a Cat C4.4 Tier IV. The John Deere 4.5L Industrial Diesel engine has performance rated 74 hp @2400 rpm and a peak torque rating of 195 ft-lb @ 1700 rpm.
- b. The Cat 4.4 that we asked for in our spec has 93.9 hp @ 2200 rpm and a peak torque rating of 331.9 ft-lb @ 1400 rpm.

Conclusion, the bidder didn't meet spec. The Cat engine has more hp and significantly more torque to get the job done.

- 5. The price for the tipper that was quoted, didn't include everything requested in the spec. All these are exceptions to the bid.

Such as:

- a. the spare outrigger cylinders \$12,520.00
- b. Freight from Little Rock Arkansas \$24,570.00 for both tippers
- c. Cost for set up of the Unit.
- d. Extra cost for training.
- e. 65 ton lifting cylinders. \$50,080.00
- f. Cat engines for the tippers and power unit. \$55,770.00

Tommy Carby                      7-16-19  
Name, Title                                      Date

Robert Gordon                      7-16-19  
Department Director                                      Date

*Arthur Heed*  
*8/5/19*